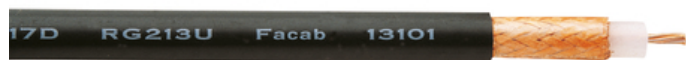
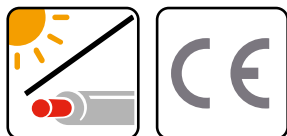


# Coaxial cable RG 213 /U



|                                       |                        |
|---------------------------------------|------------------------|
| <b>inner conductor:</b>               | Copper, stranded, bare |
| <b>inner conductor diameter:</b>      | 2,25 mm                |
| <b>insulation:</b>                    | solid PE               |
| <b>screen:</b>                        | bare copper braiding   |
| <b>coverage:</b>                      | 97 %                   |
| <b>outer sheath:</b>                  | PVC                    |
| <b>min. bending radius:</b>           | 5 x DA                 |
| <b>operating temperature:</b>         | -20 - +70 °C           |
| <b>impedance:</b>                     | 50 Ohm                 |
| <b>capacity:</b>                      | 103 nF/km              |
| <b>velocity factor:</b>               | 0,66 v/c               |
| <b>DC-resistance inner conductor:</b> | 5,5 Ohm/km             |
| <b>DC-resistance screen:</b>          | 4,5 Ohm/km             |

**Application:** For data- and signaltransmission in RF-bands with low losses and interferences.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics RG213

| p/n    | part name                  | R <sub>bv</sub><br>[mm] | D <sub>A</sub><br>[mm] | E <sub>v</sub><br>[kWh/m] | Cu<br>[kg/km] | G<br>[kg/km] |
|--------|----------------------------|-------------------------|------------------------|---------------------------|---------------|--------------|
| 101087 | RG 213/U 50 Ohm SW<br>FRNC | 50                      | 10,3                   | 0,71                      | 82            | 155          |
| 100201 | RG 213 U 50 Ohm SW         | 50                      | 10,3                   | 0,69                      | 76            | 155          |

|     |                                    |
|-----|------------------------------------|
| Rbv | bending radius, fixed installation |
| DA  | outer diameter                     |
| Ev  | combustion energy                  |
| Cu  | copper weight (ger)                |
| G   | weight                             |

Dämpfungsverlauf

